

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2004/003177

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 G01R 27/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 G01R 27/02 G06F 19/00 G01R 31/36 H01M 10/48 H02J 7/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
KOREAN PATENTS AND APPLICATIONS FOR INVENTIONS SINCE 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
WPI, PAJ "BATTERY""INTERNAL""IMPEDANCE"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/0161537 A1 (IBM CO.) 31 OCTOBER 2002 see the whole document	1
A	JP 2000-88934 (FUSITSU CO.) 31 MARCH 2000 see the whole document	1
A	JP 07-128418 (SHINDENGEN ELECTRIC MFG. CO.) 19 MAY 1995 see the whole document	1
A	JP 04-27885 (SHINKOBE ELECTRIC CO.) 30 JANUARY 1992 see the whole document	1
P,A	JP 2004-251625 (HIOKI EE CO.) 09 SEPTEMBER 2004 see the whole document	1

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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"&" document member of the same patent family

Date of the actual completion of the international search

31 MARCH 2005 (31.03.2005)

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01 APRIL 2005 (01.04.2005)

Name and mailing address of the ISA/KR



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